

2J4D01MP

GNSS Magnetic/Adhesive Mount

Key Features

GPS/QZSS/Galileo

- 1575 MHz

Magnetic/Adhesive Mount

Ground Plane Independent

Customizable Cable and Connector

Dimensions 41 × 34 × 13.5/14.5 mm

Certificates: IP67

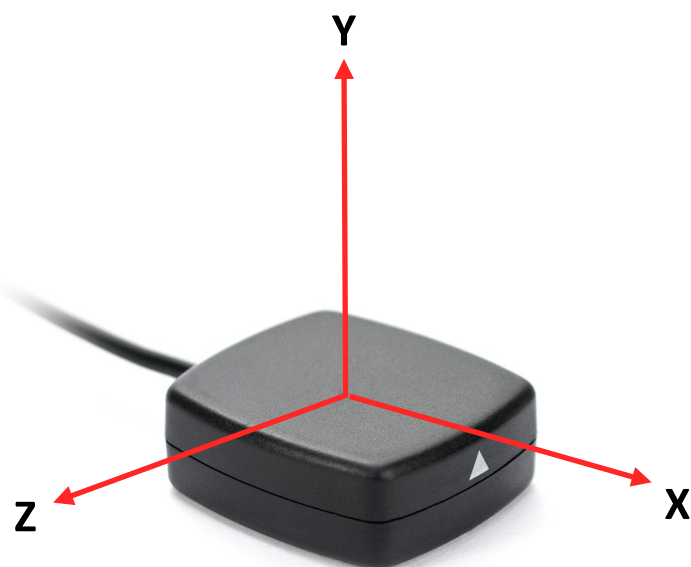


1. Antenna and electrical specifications

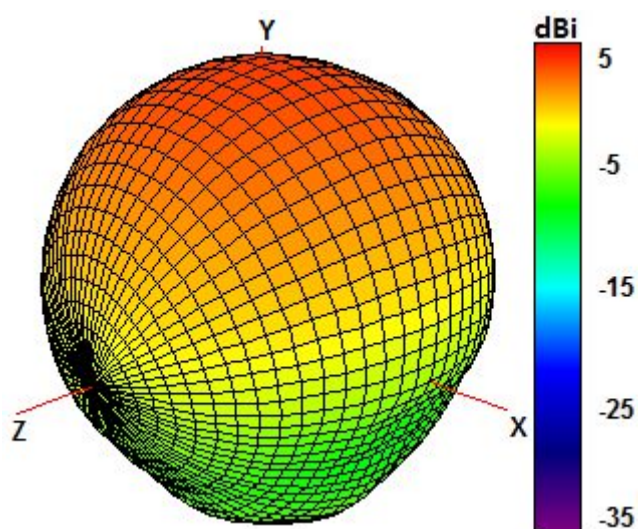
Parameters	GPS Antenna
Standard	GPS/QZSS/Galileo
Band (MHz)	1575
Frequency(MHz)	1575.42
Patch Size (mm)	25 × 25 × 4
Return Loss (dB)	~25 dB
VSWR	~1.1:1
Impedance	50
Radiation Pattern	Hemispherical
Axial Ratio (dB)	3 Max.
Polarization	RHCP
Saw Filter	No Filter
Active Gain (dB)	26-28 @ 3-5 V
Noise Figure (dB)	1.2 @ 5V
Voltage (V)	2.7 - 5.5
Current (mA)	15-25
Power Consumption (mW)	40-138
Connector Type	SMA-Male Standard (Other Connectors Available)
Cable Length	300 cm Standard (Any Cable Length Available)
Cable Type	RG174 Standard (Other Cables Available)

2. Mechanical and environmental specifications

Specifications	2J4D01MP
Mounting Type	Magnetic/Adhesive Mount
Dimensions (mm)	41 x 34 x 13.5/14.5
Random Type	ASA
Random Color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Certificates	IP67
Substance Compliance	RoHS



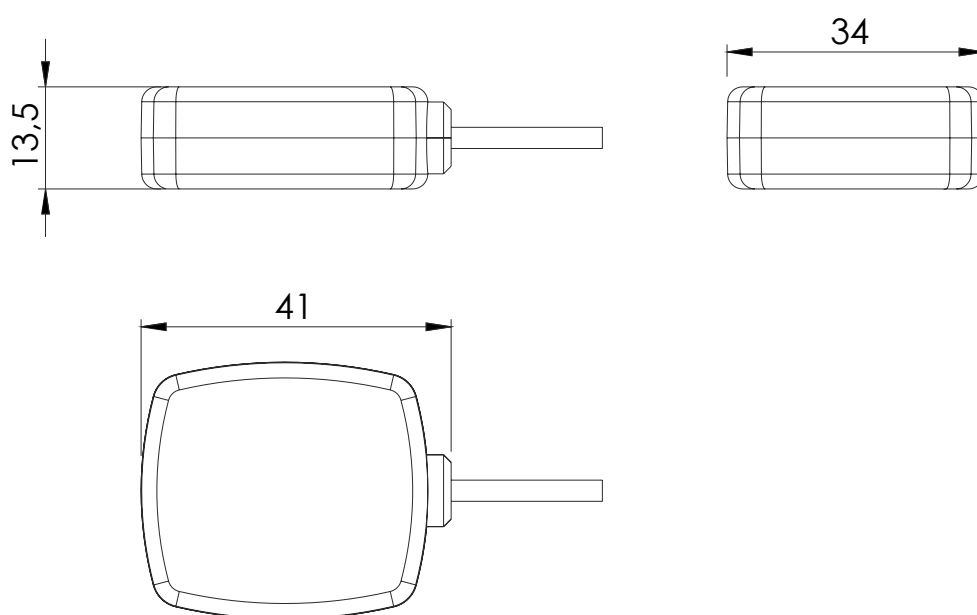
Radiation pattern reference



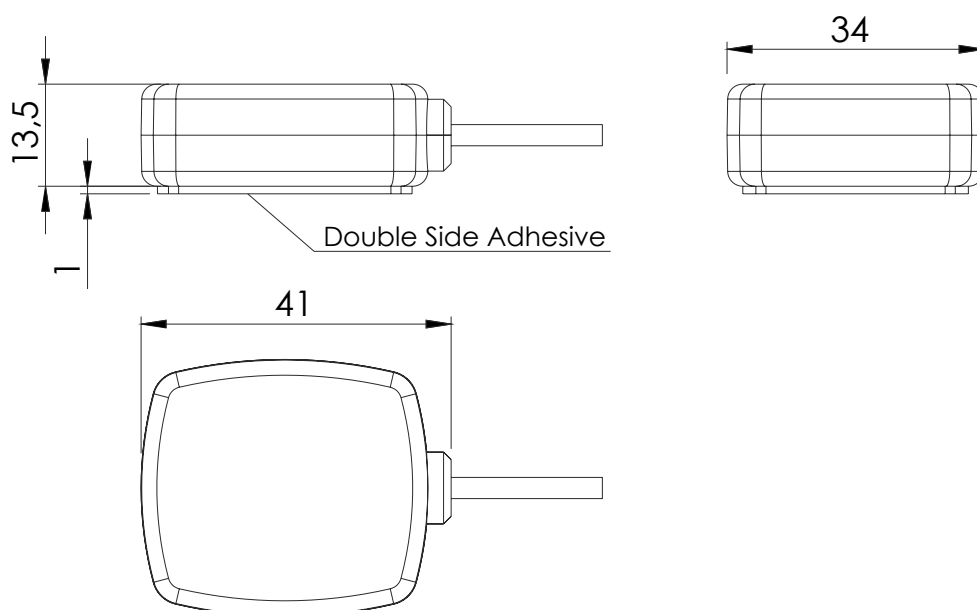
1575 MHz Radiation pattern

4. Antenna drawings

Magnetic Mount option



Adhesive Mount option



5. Antenna Images

